

THE FAST, ROBUST SINGLE-GAS DETECTOR FOR A WHOLE RANGE OF GASES.

The robust PAC 8x00 detector, with its shock-proof, chemical-resistant housing and a membrane filter to protect it from liquid and dust, is the perfect companion in tough conditions.

It is easy to use, with a large, backlit display clearly indicating the gas concentration, unit of measure and battery life. The LED light indicates whether the device has been tested and if it is ready to use.

Each gas has a different colour code to minimise the chance of mistakes. If the alarm is triggered, it sets off an unmistakable visual (360°), vibrating and audible alarm.

The **Pac® 8000** is a non-disposable, personal single-gas detector. It can detect the presence of dangerous concentrations of 29 different gases. It can detect ozone (O₃) from concentrations as low as 0.02 ppm and phosgene (COCl₂) from 0.01 ppm. The Pac 8000 detects nitrogen dioxide (NO₂) from concentrations as low as 0.04 ppm.

The **Pac® 8500** is a single-gas detector that can be equipped with hydrogen-compensated CO sensors or a Dräger dual sensor. The dual sensor means you can measure two gases at once: either H₂S with CO, or O₂ with CO.

All the devices in the PAC range feature extremely durable DrägerSensor XXS sensors and a powerful battery.



PAC 8000



PAC 8500



TECHNICAL DATA

Size: 2.4 x 2.4 x 0.8 in. / 6.4 x 8.4 x 2.0 mm

Weight: ± 3.7 (3.9 with clip) / ±106 g (113 g with clip)

Temperature: -22 to +131 °F / -30 °C to +55 °C
(briefly down to -40 °F / -40 °C for 1 hr, depending on sensor)

Humidity: 10 to 90% relative humidity, non-condensing

Alarms: Visual (360°), Audible (90dB) alarms

Test: elf-test on activation

Operating time:
PAC 8000: 2 years (min. 10 months for O₂)
PAC 8500: 1 year (O₂ sensors min. 10 months)

Protection Class: IP68

Approvals:
ATEX I M1 Ex ia I Ma, II 1G Ex ia IIC T4 Ga
IECEX Ex ia I Ma, Ex ia IIC T4 Ga
CSA (Canada & USA) Class I, Zone 0, AEx ia IIC T4 Ga, Class II, Division 1, Groups E, F, G
EAC PO Ex ia I Ma X, OEx ia IIC T4 Ga X

Warranty: 2 years

SPECIFICATIONS

- Robust housing designed to withstand tough conditions
- Visual 360° alarm
- DrägerSensor XXS sensors for a long service lifetime and quick response time
- Long-lasting battery
- Clear colour code to minimise mistakes
- LED 'D-Light' H9 on to indicate the device is in good working order and ready to use
- Easily replaceable membrane filter
- Large display shows all the important information

SENSOR SPECIFICATION PAC 8000

Gas	Measuring Range	Resolution
NO	0-50 ppm	0.1 ppm
CO ₂	0-5 %vol.	0.1 % vol.
Cl ₂	0-20 ppm	0.05 ppm
HCN	0-50 ppm	0.1 ppm
NH ₃	0-300 ppm	0.01 ppm
PH ₃	0-20 ppm	0.5 ppm
OV	0-200 ppm	1 ppm
OV-A	0-200 ppm	0.1 ppm
NO ₂	0-50 ppm	0.1 ppm
O ₃	0-10 ppm	0.01 ppm
COCl ₂	0-10 ppm	0.01 ppm

SENSOR SPECIFICATION PAC 8500 DUAL

Gas	Measuring Range	Resolution
H ₂ S/CO	0-100 ppm H ₂ S 0-2,000 ppm CO	1 ppm (H ₂ S) 2 ppm (CO)
O ₂ /CO	0-25 Vol.% O ₂ 0-2,000 ppm CO	0.01 ppm (O ₂) 2 ppm (CO)
CO-H ₂ CP	0-2,000 ppm CO	2 ppm